





# Authorization Basis Change Notice

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ABCN Number 24590-WTP-ABCN-ENS-02-018

Revision 0

ABCN Title Change to AB Document - Revision to General Information PSAR updating facilities and systems.

## II. Description of the Proposed Change to the Authorization Basis

D. Affected Authorization Basis and Implementing Documents (drawings, procedures, plans, etc):

Title	Document Number	Revision
Preliminary Safety Analysis Report to Support Construction Authorization; General Information	24590-WTP-PSAR-ESH-01-002-01	0
P&ID – BOF Instrument Air System	24590-BOF-M6-ISA-00001	(Cancelled)
P&ID – BOF Ventilation Hot Water System	24590-BOF-M6-VHW-00001	(Cancelled)

E. Describe the proposed changes to the Authorization Basis documents. Include specific references to the AB documents and design documents that are to be changed:

This change is to the Revision 0 of the General Information PSAR. The change is to update facilities and systems included in the approved revision 0. The following wording shall be removed from the PSAR:

Section 2.9.1.2 Mechanical Systems:

“Hot water - This system will be a closed loop and will provide hot water to various building HVAC coils.”  
and

“Instrument air - Instrument air will be oil free and low in particulates and moisture.”

F. Explain why the change is needed:

This change is needed in order to support release of BOF subcontract and material requisitions. Systems have changed due to design evolution and trends which affect the PSAR.

The Hot Water (VHW) System was deleted by trend TN-24590-02-00374. High Pressure Steam (HPS) will be the medium used for HVAC heating distribution from BOF.

The Instrument Air (ISA) System was deleted as a separate BOF supplied utility by trend TN-24590-02-00375. The Plant Service Air (PSA) System and the ISA system were combined in BOF.

## III. Summary of Safety Evaluation

G. DOE approval of this AB change is not required because the Safety Evaluation has determined that the change meets all the criteria for Contractor approval of the change.

Summarize the results of the Safety Evaluation by checking the statements below for Administrative Control changes OR Facility changes, not both. Add clarifying remarks, as necessary, to provide complete and accurate information.

Safety Evaluation No. 24590-WTP-SE-ENS-02-022

Rev 0



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☐ For an Administrative Control:

This administrative control change does not affect the SRD. The change falls beneath the level of detail described in the Code of Federal Regulations applicable to the project (10 CFR 820, 10 CFR 830, and 10 CFR 835). The change conforms to the requirements in the top-level safety standards (e.g., DOE/RL-96-0006). The change provides adequate safety because the applicable questions on the Safety Evaluation have been answered in a way that ensures adequate safety following the change. The change conforms to contract requirements and will not result in inconsistencies with other AB or authorization agreement commitments or descriptions.

Remarks:

☒ For a Facility Control:

This facility change does not affect the SRD. The change does not create a new DBE or increase the frequency or consequence of an analyzed DBE. The change does not result in a decrease in the safety function of an ITS SSC or change how an SDC SSC meets its respective safety function. The change falls beneath the level of detail described in the Code of Federal Regulations applicable to the project (10 CFR 820, 10 CFR 830, and 10 CFR 835). The change conforms to the requirements in the top-level safety standards (e.g., DOE/RL-96-0006). The change provides adequate safety because the applicable questions on the Safety Evaluation have been answered in a way that ensures adequate safety following the change. The change conforms to contract requirements and will not result in inconsistencies with other AB or authorization agreement commitments or descriptions.

Remarks:

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H. Attachments (if any):